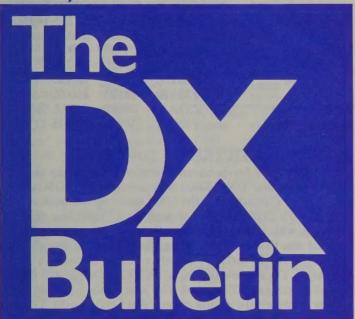
### Cocos-Keeling - VK9 The VK9EW/VK9WB

DXpedition was pushed back another couple of days, as flight schedules changed. Operation is set to begin May 29, for one or two weeks, depending on the return flight. Frequencies and QSL route in Issue 535.

Market Reef - OJØ The radio clubs of sister towns Täby in Sweden and Järvenpää in Finland will operate from Market Reef May 29-June 3, on the usual DXpedition frequencies. ("Usual DXpedition frequencies" are 3795, 7045, 7080, 14195, 21295, and 28495 kHz on SSB, and 3505, 7005, 14025, 21025, and 28025 kHz on CW.) SI8MI from the Swedish side of the reef counts for Sweden for DXCC. QSL OH2AP/OJØ to OH2AP, or direct to Box 90, SF-04401 Järvenpää, Finland.

Bahamas - C6 The Carolina DX Association VHF crew will operate as C6AFR June 6-12. See Issue 533 for more details.

### **Edited by Chod Harris VP2ML**



## America's Premier Weekly Amateur Radio Publication

Greenland - OX John Beardshear KB5LRO expects to be active as OX3EW beginning June 9, for one year, from the Thule Air Force Base. Mostly 20-meter SSB, around 14230 kHz. QSL 641 NE 16th, Moore OK 73160.

#### Reserve Your Island

- Jim Niger N6TJ returns to Ascension Island (AF-03) as ZD8Z May 24-29, including the WPX CW contest May 26-27, as single-operator, all-band. In the test, look for Jim 35 kHz up from the bottom of each band. Outside the test, he'll operate mostly SSB, on the usual DX frequencies (see above.) He'll also have new-band capabilities, and will be able to operate on 30, 17, and 12 meters on request. QSL to
- Bill Ovca N1GL returns to Aruba as P4ØA in the CQWW SSB October 27-28, in the single-operator, all-band category. QSL to KA1XN.

### May 25, 1990

### Shortly Noted

- T3ØKY is YL Kiyoko. She'll be there until May 30. QSL this operation, and her ZK2KY and 5W1KY operations, to Box 3, Tokaimura, Japan 31911.
- H44AP is often on 14200 kHz or thereabouts, 08-1100Z. QSL Box 418, Honiara, Guadalcanal, Solomon Islands.
- H44RW is the call of Ron Wright ZL1AMO in the Solomons. He's been discussing a Solomon Island operation, beginning May 24, for about two weeks. Ron listens below his operating frequency on CW, as well as above.
- 7Q7LA is Les Antrobus G3JCJ, according to DX News Sheet. QSL Box 59, Mangochi, Malawi. No word on DXCC accreditation.
- S79VD is the call of OH2MCN (ex-OH5VD) June 1-30. Mostly low-band operation, especially 40-meter CW.
- 5B3Ø is the special Cyprus prefix commemorating 30 years of Cyprus independence, until the end of the year.
- HPPPOL in the South Shetlands is on 28560 kHz at 12-1400Z, 21260 at 20-2200Z, and 14220 at 22-0000Z. QSL KB6GWX. (Thanks DX-NL for above three items.)
- RN7N is the Karelian DX Club's special call June 4-8, celebrating the 70th anniversary of Karelia. QSL to Victor Sinjavin UA1NEJ, P.O.Box 520, Petrozavodsk 26, 185026 Karelia, USSR.
- ZW7AB on SSB and ZW7BX on CW commemorate Brazil's annual Fire Prevention week, July 1-10. QSL Karl Mesquita Leite PS7KM, Caixa Postal 385, 59001, Natal RN, Brazil. Usual DX frequencies.
- XX9KA will be operated by Hiroo JA2EZD in June. QSL JA2MNB, Box 6, Nishiharu, Aichi 481, Japan.
- Israeli amateurs may now communicate with Arab stations, according to Insight magazine.
- 4U1WB, the World Bank club station, is back on the air, with KK4HD and W4JVN operators. QSL to KK4HD. (The station is located in Washington DC, and does not count separately for DXCC.) Try 14227 kHz at 1700Z.
- SSB net check-ins: 14222 kHz: FK8EB 3D2ER VK9NL V51GB; 14227: HSØAC 5W1KY VQ9HB VK9TR FT5XH FT5XA N6BUV/KHØ AH9AC 9M8FH; 21333: TU2PA D44BS 5Z4FM UG6JJ UJ8KA 9K2RA and N3CRH/TJ Monday and Wednesday.
- RTTY report: Regulars: EA9MY 14081 kHz at 0145Z; FY4FS 14088 0045Z; PJ7VL 14087 21-0300Z; TR8JLD 21085 2120Z; TK/DL7HZ 14090 0030Z (until June 4.) VK9LI may operate RTTY from Lord Howe island June 7-13. Some active stations: FP5DX 14081 0230Z; BV4VB 14090 0900Z; FO8EM 14085 0450Z; V85GA 14072 ARQ 1245Z; FR5ZD 14078 ARO 0345Z.
- Islands On The Air: XF3R is on Cancun (NA-45). Try 21295 kHz at 1700Z. KL7IEI plans to operate from Nunivak (NA-74) May 27-June 3. LA/FF1PGG will be active from Vaeroy Island (EU-76) May 29-June 13, on 3510, 7005, 14025, 21025, 28025, 3720, 7080, 14165, 21265, and 28565 kHz. QSL FF8OU. UA9OBD is going to Iony Island (AS-69) in June. 4K4IA is UAØIA on Shantarskiye Island (AS-44). QSL home call.

Propagation
Forecast and Historical Data

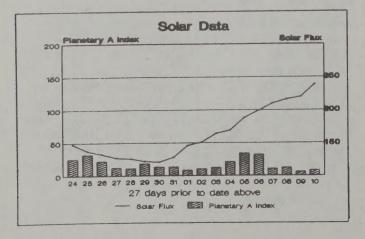
Day Forecast	27 Days Before	55 Days Before						
May 1990	Date Flux A K	Date Flux A K						
25 Low Normal	04/28 148 18/25 3	04/03 151 14/15 3						
26 Disturbed	04/29 138 26/32 3	04/04 150 08/11 3						
27 Below Normal	04/30 133 17/22 2	04/05 156 11/13 2						
28 Low Normal	05/01 127 10/12 1	04/06 149 08/09 2						
29 Low Normal	05/02 126 10/11 1	04/07 155 09/10 3						
30 Low Normal	05/03 122 15/18 3	04/08 151 06/08 2						
31 Low Normal	05/04 121 12/13 1	04/09 144 30/27 3						
June 1990		, , , , , , , , , , , , , , , , , , , ,						
01 Low Normal	05/05 128 12/13 2	04/10 147 67/87 6						
02 High Normal	05/06 146 06/08 2	04/11 159 67/53 4						
03 High Normal	05/07 151 07/10 2	04/12 168 55/66 4						
04 High Normal	05/08 164 12/12 3	04/13 196 30/41 4						
05 High Normal	05/09 169 20/11 5	04/14 211 29/40 4						
Propagation Watch								
Tropagation water								

Thanks in large part to two enormous sunspots regions (numbers 6063 and 6064), solar activity jumped to its highest level since January. Solar flux rose to 268 on May 20, as Regions 6063 and 6064 crossed the center of the sun. Both of these sunspot regions were magnetically complex, and produced just enough low-energy flares to boost solar flux, without significantly disrupting the geomagnetic field. The combination of high flux and low A and K indices spelled good DX.

Unfortunately, the active side of the sun is rotating away from us, and solar activity will drop dramatically over the next week, as the quiet side of the sun rotates in our direction. We don't expect solar flux to drop to 120 again, as it did in early May, but a drop to the 150-level should be

anticipated.

The lower solar activity, coupled with seasonal effects as we approach the summer solstice, mean we will see fewer, weaker openings on 10 and 12 meters. Polar and high-latitude paths will be especially affected, but some low-latitude and north-south openings will still enliven the higher bands. 15 and 17 meters will be the daytime DX bands, with good openings generally following the sun. 20 meters continues to provide good DX opportunities at local sunrise, including the long path to the west. At high levels of solar activity, 20 stays open all night. 40 and 30 meters are also good nighttime bands. Seasonal effects have made DXing on 80 and 160 meters very unproductive. If we have a few days in a row of very low A indices, try 80 meters along the grayline.



	Regulars	S	
- Armenia	UG6JJ	21315	1845Z
■ Crete	SV9BAI	15M CV	W 20-2200Z
Easter Island	CEØZIG	18080	0130Z
- Europa	FR5AI/E	14008	12-1400Z
- Guyana	8R1J	21027	21, 0200Z
■ Ivory Coast	TU2QQ	18150	0400Z
<ul><li>Kazakhstan</li></ul>	UL7GE	21005	0100Z
<ul><li>Kazakhstan</li></ul>	UL7ACI	21312	1930Z
<ul> <li>Kerguelen Island</li> </ul>	FT5XH	14190	1200Z
<ul><li>Kuwait</li></ul>	9K2YA	14243	2200Z
<ul><li>Mauritius</li></ul>	3B8CF	14032	0300Z
Mayotte	FH5EJ	18082	13-1400Z
■ Mayotte	FH5EJ	14017	1230Z
<ul><li>Micronesia (ECI)</li></ul>	V63CQ	14190	1045Z Wed.
■ Pitcairn Island	VR6JR	18154	01-0300Z
■ Saudi Arabia	HZ1AB	14230	1345Z
■ Singapore	9V1JY	20M CV	W 1030Z
<ul> <li>Solomon Islands</li> </ul>	H44AP	14200	1040-1300Z
<ul> <li>South Orkney Island</li> </ul>	VP8BXK	28530	1200Z
Sri Lanka	4S7WP	18074	2215Z
Sri Lanka	4S7WP	20M CV	W 1100Z
Sri Lanka	4S7CF		W 1115-1400Z
St. Pierre & Miquelon		14200	0400Z
■ Sudan	ST4/WZ6		0000Z
- Thailand	HSØAC	14026	10-1200Z
<ul><li>Thailand</li></ul>	HS1BV	21300	2030Z
■ Vanuatu	YJ8AB	14170	
<ul><li>Walvis Bay</li></ul>	ZS9A	28610	1430Z Sunday
<ul> <li>Willis Island</li> </ul>	VK9TR	14200+	/- 1045-1330Z

AH3C/KH5J - Jarvis Island

The 1990 Jarvis Island operators wrapped up their highly successful DXpedition with almost 55,000 QSOs in eight days. Contacts with the USA made up the bulk of the QSOs, with 29,000. Japan followed with 10,600, and then Europe, with 10,100. Thanks to the good propagation, 10 meters was the most productive band, followed very closely by 15 meters. 20 meters was only a couple thousand contacts below 15. On the low bands, AH3C/KH5J made 825 QSOs on 80 meters, and 77 on 160. The new bands were obviously a low priority, with a total of only 300 QSOs on 30, 17, and 12 meters. 6 meters yielded 450 QSO, and RTTY about the same.

The DXpedition organizers are continuing to work on the petition for New Country status. Regardless of the outcome of that petition, the AH3C/KH5J Jarvis DXpedition did an excellent job on all bands and modes, without the interference and disruption that plagued the 3Y5X Bouvet DXpedition.

QSL to Jarmo Jankola OH2BN, Killetie 5 C 30, 00710 Helsinki, Finland. Although not requested, donations to help cover the \$41,000 cost of the trip (not including individual airfares) would probably be appreciated. Thanks to some of those individuals and organizations that helped make the operation a reality: JA1BK, Icom America, NCDXF, WØRLX, KH6IJ, KH6VP, AH6IO, KH6JEB, KH3AC, OH2BN, and many more.

Meanwhile, Mark Rauzon, the US Fish and Wildlife Service representative on the trip, discovered three new species of birds, and thoroughly mapped the bird colonies on the wildlife refuge.

(Thanks to Pete Grillo AH3C for this summary.)

# $B\cdot A\cdot N\cdot D\cdot P\cdot A\cdot S\cdot S$

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet. All "portable" calls listed with country of operation first, regardless of format used on the air.

Tar portable band noted that	0/4 // 14000 4007 45 1/0		04000
	9V1JY 14020 1037 15 NC A22AA * 14031 1422 5 MT	V63CQ 14191 1045 16 OH V85GA 14197 1057 11 IL	UL7GE 21007 0115 15 FL UL7MU 21011 1857 13 MA
RTTY	A43KM/Ø 14019 0217 18 FL	V85GA 14197 1057 11 IL VK9TR 14197 1045 14 OH	UL7MU 21011 1857 13 MA UL7RDZ 21003 0122 15 FL
9M2MU 14087 1410 15 CA	AH3C 14028 0327 11 VA	VQ9HB * 14215 1106 13 VA	YN/ 21007 1606 20 CA
BY1QH 14090 1430 15 CA	EL7X 14025 0440 14 CA	VU2AU 14188 1134 15 NC	SMØOIG
CO2BB 14087 2318 20 CA	EL7X 14027 2315 9 VA	VU2NR * 14179 1205 8 IL	YN3CC 21004 1345 8 OH
DU1RP 21084 1655 16 CA	FH5EJ 14012 1225 13 TX	VU2TTC 14266 1804 14 CA	ZD7KM 21024 2046 6 IL
EA9MY 14081 0140 10 OH	FR5AI/E* 14006 1207 9 CA	YJ8AB 14165 1110 13 VA	ZD8GT 21036 1655 4 OH
ES7FU 21086 1920 17 CA	HL9EP * 14005 2229 17 FL	ZC4GA 14195 0005 12 MD	
FM5WD 14083 2323 10 PA	HSØAC * 14027 0952 18 MA		15 Meter SSB
FO5EM 14087 0535 14 PA	HV3SJ 14025 1813 12 CA	17 Meter CW	5Z4BI 21222 2023 11 NH
FP5DX 14088 2010 11 PA	J79CW 14006 0130 10 NC	3B8CF 18076 1338 12 CO	5Z4MR 21320 1851 9 CA
FR4AE 14083 1440 17 CA	JT1BJ 14027 1412 9 CA	4S7WP 18071 2214 12 SC	9L1US 21330 2010 20 CA
FY4FS 14087 0042 19 FL	JT2AB 14010 1350 13 CA	5B4OG 18087 0209 18 MA	9Q5AA 23232 2206 20 CA
GJ4YMX 14084 2210 16 FL	JX7DFA 14005 2000 20 CA	C31LBB 18073 1152 16 CO	9Q5XX 21250 2056 11 NH
HC6IM 14084 0313 17 PA	LX1GN 14020 2125 18 FL	CEØZIG 18078 0156 13 CT	BV2FA 21230 1450 6 NC
HH2PK 14088 2339 17 FL	OM7MB 14010 2127 18 FL	EA8AB 18070 2046 21 SC	CEØMTY 21294 0018 13 IL
HL1IE 14087 1445 17 CA	P43SF 14003 2301 14 FL	FH5EJ 18083 1318 13 CO	CN2AQ 21220 0239 15 MA
HP1XBH 21093 2203 15 FL	PZ1DY 14014 2237 17 FL	FH5EJ 18083 2024 13 SC	EA9LH 21248 2105 14 OH
HV3SJ 14090 0223 6 TX	UF6CX 14024 2156 13 FL	KH6CF 18071 1119 14 AL	HS1BV 21298 2030 11 CA
LX2YD 21085 2123 15 FL	UG6JJ 14008 0345 12 SC	OY7ML 18073 1231 13 CO	HZ1AB 21335 2210 14 MN
LY2WW 14091 0142 19 FL	UH8BBU 14045 1937 20 CA	ST4/WZ6C 18075 0001 12 SC	J28DN 21285 2109 14 MA
LZ2KZA 14091 0330 18 CA	UL7MU 14017 0123 8 MA	TA2AO 18079 1743 14 CO	JW1MFA 21298 1549 13 CA
OD5NG 14094 0243 14 OH	UL7NE 14001 0219 8 MA	UF6DZ 18085 0123 16 PA	JY5IN 21315 2115 8 NC
PJ7VL 14089 2116 18 FL	UT9U/ 14012 0025 17 FL	UI8QU 18082 1822 13 MA	OY2J 21282 1047 18 MA
PZ1BS 14082 0100 10 OH	UA9JHJ	UL7GM 18073 0312 15 CT	S92LB 21222 2123 14 OH
RH8AX 14087 2117 16 FL		VU2NBT 18073 1350 14 CO	TU2UI 21309 0057 16 CA
SU1HN 14084 0311 12 OH		17 Meter SSB	UC9C/ 21235 1542 15 CA
TA3D 14090 0303 17 PA			RC2AR
TI2YO 14084 0310 14 CA		5H1HK 18150 2238 9 CO 6Y5DB 18142 2331 12 MA	UF6FHI 21232 0246 15 MA
TK/DL7HZ 14084 0027 21 CA	Z21AR 14020 1430 12 CA ZP6XDW 14031 2341 9 VA		UG6JJ 21318 1844 14 CA
TR8JLD 14090 0600 15 CA			UI8GF 21340 0245 18 MA
TR8JLD 21085 2118 16 FL	20 Meter SSB	9L1US 18112 0148 13 CO A22AP 18145 1110 16 CO	UI8ZAC 21309 1906 15 NC
TR8JLD 14090 2255 16 CA	3B9FR 14215 1050 14 OH		UJ8KA 21333 1803 15 NC
UO5OK 14086 0030 15 OH	3ZØE 14206 0346 13 MA	A92BE 18159 0348 13 CO	UL7ACI 21312 1925 15 CA
UO5OLW 14084 0205 13 FL	4K2BDU 14162 0245 12 NC	C6ANI 18139 1851 13 CO	UL9PE 21304 0155 15 MA
V44KW 14085 2357 17 FL	4K2BDU 14186 1010 15 FL	HC8GR 18143 1853 13 CO	UM8TBE 21243 0235 15 MA
YO7VG 14085 0545 16 PA	4S7NS 14192 1100 11 AL	HH2PK 18135 1257 13 MA	UM8TBE 21247 1321 13 IL
ZLØAIC 14097 0525 13 CA	4S7SW 14188 1134 15 NC	ST4/WZ6C 18150 2150 8 VA	VU2TTC 21266 1935 14 MA
ZP5FGS 14069 0015 11 PA	8SØITU 14187 2055 17 MA	TU2QQ 18151 0416 13 CA	12 Meters
	01/01/0 + 44404 4040 00 OA	TZ6VV 18111 0101 14 CT	12 Mereis
	9K2KS * 14194 1616 20 CA	LICCOMM 40449 DOEA 40 MA	CVEIC DADAA DADO AD CA
ZP6DN 14090 0009 15 FL	9K2KS - 14194 1616 20 CA 9K2YA 14244 2152 11 NH	UG6GAW 18113 0254 18 MA	6Y5IC 24944 2109 19 CA
75 Meters		UG7GWG 18151 1841 13 MA	HZ1AB 24945 1517 13 MA
	9K2YA 14244 2152 11 NH	UG7GWG 18151 1841 13 MA V29A 18132 1319 13 MA	HZ1AB 24945 1517 13 MA VR6JR 24952 2102 12 FL
75 Meters 7X4AN 3799 2343 13 MA	9K2YA 14244 2152 11 NH 9M2LM 14198 1920 12 NH	UG7GWG 18151 1841 13 MA V29A 18132 1319 13 MA VR6JR 18154 0055 18 FL	HZ1AB 24945 1517 13 MA
75 Meters 7X4AN 3799 2343 13 MA 40 Meters	9K2YA 14244 2152 11 NH 9M2LM 14198 1920 12 NH 9M2ZA * 14163 1104 18 MA	UG7GWG 18151 1841 13 MA V29A 18132 1319 13 MA VR6JR 18154 0055 18 FL ZD7CW 18147 2036 16 CO	HZ1AB 24945 1517 13 MA VR6JR 24952 2102 12 FL
75 Meters 7X4AN 3799 2343 13 MA 40 Meters 5NØELT 7007 0002 15 FL	9K2YA 14244 2152 11 NH 9M2LM 14198 1920 12 NH 9M2ZA * 14163 1104 18 MA 9M8MG 14250 1425 13 OR	UG7GWG 18151 1841 13 MA V29A 18132 1319 13 MA VR6JR 18154 0055 18 FL	HZ1AB 24945 1517 13 MA VR6JR 24952 2102 12 FL 10 Meter CW
75 Meters 7X4AN 3799 2343 13 MA 40 Meters 5NØELT 7007 0002 15 FL A35KY 7002 0606 19 CA	9K2YA 14244 2152 11 NH 9M2LM 14198 1920 12 NH 9M2ZA * 14163 1104 18 MA 9M8MG 14250 1425 13 OR 9M8MG 14200 2028 11 NH	UG7GWG 18151 1841 13 MA V29A 18132 1319 13 MA VR6JR 18154 0055 18 FL ZD7CW 18147 2036 16 CO	HZ1AB 24945 1517 13 MA VR6JR 24952 2102 12 FL 10 Meter CW 5H3TW 28019 1733 13 MA ZP6XDW 28032 2208 19 CA
75 Meters 7X4AN 3799 2343 13 MA 40 Meters 5NØELT 7007 0002 15 FL A35KY 7002 0606 19 CA DU3/KE9A7003 1319 19 CA	9K2YA 14244 2152 11 NH 9M2LM 14198 1920 12 NH 9M2ZA * 14163 1104 18 MA 9M8MG 14250 1425 13 OR 9M8MG 14200 2028 11 NH 9M8PV 14165 1306 6 IL	UG7GWG 18151 1841 13 MA V29A 18132 1319 13 MA VR6JR 18154 0055 18 FL ZD7CW 18147 2036 16 CO 15 Meter CW	HZ1AB 24945 1517 13 MA VR6JR 24952 2102 12 FL 10 Meter CW 5H3TW 28019 1733 13 MA ZP6XDW 28032 2208 19 CA 10 Meter SSB
75 Meters 7X4AN 3799 2343 13 MA 40 Meters 5NØELT 7007 0002 15 FL A35KY 7002 0606 19 CA DU3/KE9A7003 1319 19 CA EL7X 7005 0656 12 CA	9K2YA 14244 2152 11 NH 9M2LM 14198 1920 12 NH 9M2ZA * 14163 1104 18 MA 9M8MG 14250 1425 13 OR 9M8MG 14200 2028 11 NH 9M8PV 14165 1306 6 IL 9Q5TE 14208 0603 14 CA 9V1QG 14164 1052 28 DE A22AA * 14233 217 13 CA	UG7GWG 18151 1841 13 MA V29A 18132 1319 13 MA VR6JR 18154 0055 18 FL ZD7CW 18147 2036 16 CO 15 Meter CW 3ZØE 21006 1429 8 FL 4J6L 21004 1648 17 CA 4K3ODX 21017 2303 12 PA	HZ1AB 24945 1517 13 MA VR6JR 24952 2102 12 FL  10 Meter CW 5H3TW 28019 1733 13 MA ZP6XDW 28032 2208 19 CA  10 Meter SSB 3B8DA 28485 1232 16 MA
75 Meters 7X4AN 3799 2343 13 MA 40 Meters 5NØELT 7007 0002 15 FL A35KY 7002 0606 19 CA DU3/KE9A7003 1319 19 CA EL7X 7005 0656 12 CA FK8GJ 7004 0642 19 CA	9K2YA 14244 2152 11 NH 9M2LM 14198 1920 12 NH 9M2ZA * 14163 1104 18 MA 9M8MG 14250 1425 13 OR 9M8MG 14200 2028 11 NH 9M8PV 14165 1306 6 IL 9Q5TE 14208 0603 14 CA 9V1QG 14164 1052 28 DE A22AA * 14233 217 13 CA	UG7GWG 18151 1841 13 MA V29A 18132 1319 13 MA VR6JR 18154 0055 18 FL ZD7CW 18147 2036 16 CO 15 Meter CW 3ZØE 21006 1429 8 FL 4J6L 21004 1648 17 CA 4K3ODX 21017 2303 12 PA	HZ1AB 24945 1517 13 MA VR6JR 24952 2102 12 FL  10 Meter CW 5H3TW 28019 1733 13 MA ZP6XDW 28032 2208 19 CA  10 Meter SSB 3B8DA 28485 1232 16 MA 7P8DX 28377 1655 20 NJ
75 Meters 7X4AN 3799 2343 13 MA 40 Meters 5NØELT 7007 0002 15 FL A35KY 7002 0606 19 CA DU3/KE9A7003 1319 19 CA EL7X 7005 0656 12 CA FK8GJ 7004 0642 19 CA FK8GJ 7007 1347 11 CA	9K2YA 14244 2152 11 NH 9M2LM 14198 1920 12 NH 9M2ZA * 14163 1104 18 MA 9M8MG 14250 1425 13 OR 9M8MG 14200 2028 11 NH 9M8PV 14165 1306 6 IL 9Q5TE 14208 0603 14 CA 9V1QG 14164 1052 28 DE A22AA * 14233 217 13 CA	UG7GWG 18151 1841 13 MA V29A 18132 1319 13 MA VR6JR 18154 0055 18 FL ZD7CW 18147 2036 16 CO 15 Meter CW 3ZØE 21006 1429 8 FL 4J6L 21004 1648 17 CA 4K3ODX 21017 2303 12 PA	HZ1AB 24945 1517 13 MA VR6JR 24952 2102 12 FL  10 Meter CW  5H3TW 28019 1733 13 MA ZP6XDW 28032 2208 19 CA  10 Meter SSB  3B8DA 28485 1232 16 MA 7P8DX 28377 1655 20 NJ A22AA 28482 1807 8 NC
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75 Meters 7X4AN 3799 2343 13 MA 40 Meters 5NØELT 7007 0002 15 FL A35KY 7002 0606 19 CA DU3/KE9A7003 1319 19 CA EL7X 7005 0656 12 CA FK8GJ 7004 0642 19 CA FK8GJ 7007 1347 11 CA FY5EW 7011 0057 17 FL UAØXAO 7008 1256 17 OR	9K2YA 14244 2152 11 NH 9M2LM 14198 1920 12 NH 9M2ZA * 14163 1104 18 MA 9M8MG 14250 1425 13 OR 9M8MG 14260 2028 11 NH 9M8PV 14165 1306 6 IL 9Q5TE 14208 0603 14 CA 9V1QG 14164 1052 28 DE A22AA * 14233 217 13 CA A41KB 14229 0313 15 NC EA9LZ 14185 0611 13 AZ	UG7GWG 18151 1841 13 MA V29A 18132 1319 13 MA VR6JR 18154 0055 18 FL ZD7CW 18147 2036 16 CO  15 Meter CW 3ZØE 21006 1429 8 FL 4J6L 21004 1648 17 CA 4K3ODX 21017 2303 12 PA 4S7EA 21007 2350 13 CT 5H3TW 21020 1954 13 ID 8R1J 21026 0154 15 FL 8R1J 21028 2130 13 MN	HZ1AB 24945 1517 13 MA VR6JR 24952 2102 12 FL  10 Meter CW 5H3TW 28019 1733 13 MA ZP6XDW 28032 2208 19 CA  10 Meter SSB 3B8DA 28485 1232 16 MA 7P8DX 28377 1655 20 NJ A22AA 28482 1807 8 NC A22AK 28505 1250 20 NJ A35KY 28471 2120 17 NJ
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	ZF2PF, PE/ZF8 May 19-28	1538
Cocos-Keeling VK9	VK9EW, VK9WB May 29-June 3	51535
Conway Reef - 3D	3D2AM May 18-27	<b>I537</b>
Crete - SV9	SV9BAI 15M CW 20-2200Z	<b>I539</b>
	J49BDX WPX CW	<b>I538</b>
Dodecanese - SV5	N2OO, et al May 21-31	1535
Easter Island - CE	CEØZIG 18080 0130Z	1539
Europa - FR/E	FR5AI/E 14008 1230-1330Z	1539
Franz Josef Land	4K2OIL 18080/21Z 20M SSB 23Z	1537
Galapagos - HC8	HC8GR 18115 2100Z	<b>I538</b>
Gibraltar - ZB2	ZB2/DK6AS May 25-June 5 CW	1538
Guyana - 8R	8R1J 21027 21, 0200Z	1539
Ivory Coast - TU	TU2QQ 18150 0400Z	<b>I539</b>
Jan Mayen - JX	JX6DFA 14010 0145Z	<b>I536</b>
Kazahstan - UL	UL7GE 21005 0100Z	1539
	UL7ACI 21312 1930Z	1539
Kerguelen - FT/X	FT5XA 14190 1200Z	1539
Kuwait - 9K	9K2YA 14233 2200Z	1539
Liberia - EL	EL7X 20M CW 23Z 21022 2300Z	1537
Macao - XX9	XX9TDM WPX CW	1528
Market Reef - OHØM	July 28-Aug. 4	1534
	OH2AP/OJ0 May 29-June 3	1539
Marshall Islands - V7	V73AT 14175 1100Z	1537
Mauritius - 3B	3B8CF 14032 0300Z	1539
	3B8FQ 14009 1345Z	1538
Mayotte - FH	FH5EJ 14017/1230Z 18082/1300	
Micronesia - V6	V63CQ 14190 1045Z Wednesday	1539
Minani Torishima	JA9IAX/JD1 May-August	1535
Nauru - C2	C21NI May 30-June 6, June 27+	1536
Nepal - 9N	9N5CW, DX May 10-31	1523
Nicaragua - YN	SMØOIG/YN 14006 2330Z	1537
Nigeria - 5N	5NØELT 7008 0030Z	<b>I536</b>
Oman - A4	A41JV 21034 21-2300Z	1537
Pitcairn Island - VR6	VR6JR 18154 01-0300Z	1539
Rwanda - 9X	9X5NH 21270 0045Z	1537
St. Pierre - FP	FP5DX 14200 0400Z	1539

possible without the invaluable assistance of the following: KH6BZF, SESC, AA4NC, AA6KX, AB8K, AH3C, AJ6V, DX-NL, DXNS, F6CBH, JA2EZD, KØCVD, KOPP, K1JKS, K1NIT, K2OLG, K3ZPG, K4GLU, K4II, K4IQJ, K6LEB, K6RQ, K6SQL, K8RWL, K9LJN, KA1XN, KA3DBN, KB5LRO, KB6WUY, KC1SG, KD6PY, KD7SO, KG4O, KI6PR, KI6YB, KJ4BK, KK6H, KM9J, KN7K, KR1S, KT7H, N1GL, N1HN, N4MM, N6QR, N6TJ, N6YBG, NX7U, OH2BOZ, PS7KM, UA1NEJ, W1AW, W1BFT, W1CYB, W1HH, W3FME, W4JVN, W4VQ, W5EW, W6AUG, W6BJI, W6JOX, W6XR, W7AYY, W7LR, W8GE, W8MEP, W9DH, W9ILY, WA4VCC, WA6AUE, WA6WPG, WA9AQE, WB2WVG, WB4OSN, WB6AFJ, WC6I, WD9GGY, WF5E, WYØA, and NCDXC. Thanks!

Tuvalu - T2 1536 T2ØJH June 15-20 SSB Uzbekistan - UI UI8IF 14035 0230Z Tuesday 1538 Vanuatu - YJ YJ8AB 14170 1100Z 1539 Walvis Bay - ZS9 ZS9A 28610 1430-1600Z Sun. 1539 Western Kiribati - T30 T30KY to May 30 1539 T3ØJH June 6-15, 20-27 **I536** Willis - VK9 VK9TR 14200 1045-1330Z 1539 Yemen - 70 by 9K2CS, 9K2RA May 19-29? I538 DX Activities and Contests Date **Event or Activity** Info CQ WPX CW Contest May 26-27 CQ Contributors This Issue of The DX Bulletin would not have been

Sri Lanka - 4S 4S7WP 18074/22Z 20M CW 11Z I539 4S7CF 20M CW 1115-1400Z 1539 Sudan - ST ST4/WZ4C 18077 10-1200Z 1539 Svalbard - JW JW9VDA, JW9ZV May 24-28 1537 Tadzhikistan - UJ UJ8JCQ 21025 0200Z **I537** Taiwan - BV **I537** BV2TA 14015 1100Z Thailand - HS HSØAC 14026 10-1200Z 1539 HS1BV 21300 2030Z 1539 Trindade - PYØT by PS7KM, PT7AA June-July **I538** Turkey - TA TA3D 14011 0200Z **I538** 

HZ1AB 14230 1345Z

9L1US 21027 0030Z

9V1JY 20M CW 1030Z

H44RW May 24-June 7? H44AP 14200 1040-1300Z

VP8BXK 28530 1200Z

S79VD 40-M CW June 1-30

HPOPOL 28560/12Z 21260/20Z I539

Calendar

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Saudi Arabia - HZ

Sierra Leone - 9L

Solomon Island - H4

South Orkney - VP8

Seychelles - S7

Signapore - 9V

South Shetlands

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P43GR WPX CW m/s

8P9AP, AQ May 22-30

ZF2AH, JT July 1-14

British Virgin Islands VP2VDX, VP2VCW May 23-28

ZD8Z May 24-29, WPX CW

C6AFR by W4s June 6-12

4K4QQ 4K4BAN 20M CW 13-16Z I538

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(Changes and hot info in boldface.)